SnapPlus 14.0 Solutions to NM planning problems



August 22, 2014



SnapPlus 14.0 Beta

- Download from snapplus.wisc.edu
- Beta update: Sept 3rd
- Final release target date: Sept 12th

Last XP Release

Move data between databases, Allocate all my manure!

Custom fertilizer blend for my farm.

Can't get rid of those #\$!? CAFO W restrictions?

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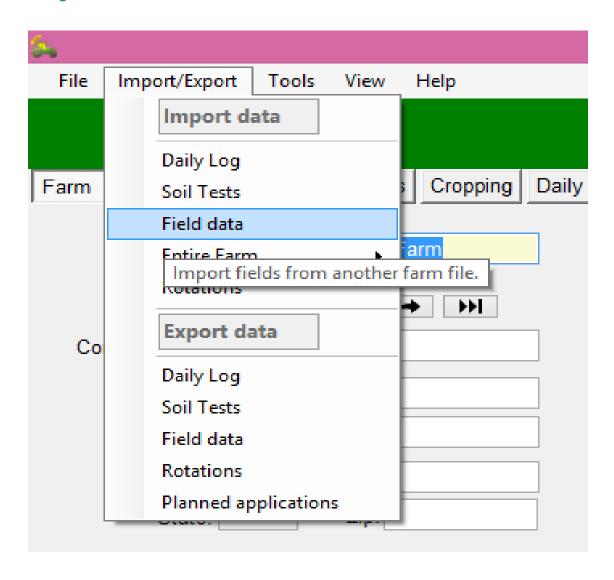
Solving some NM Problems!!!

Thing to know about 14.0

- 14.0 means 2014 initial release
- 14.0 Beta can run side-by-side with 2.0
- 2.0 farm databases auto convert to/from 14.0
- Last Windows XP release
- New tools for moving data between farms
- New tools for allocating nutrients based on needs
- CAFO updates: W soil, CAFO Winter Spreading
- Recs too high: Explain, GDD Override, Neg Recs
- Soils and STIR data on snapplus.wisc.edu



Import/Export farm data





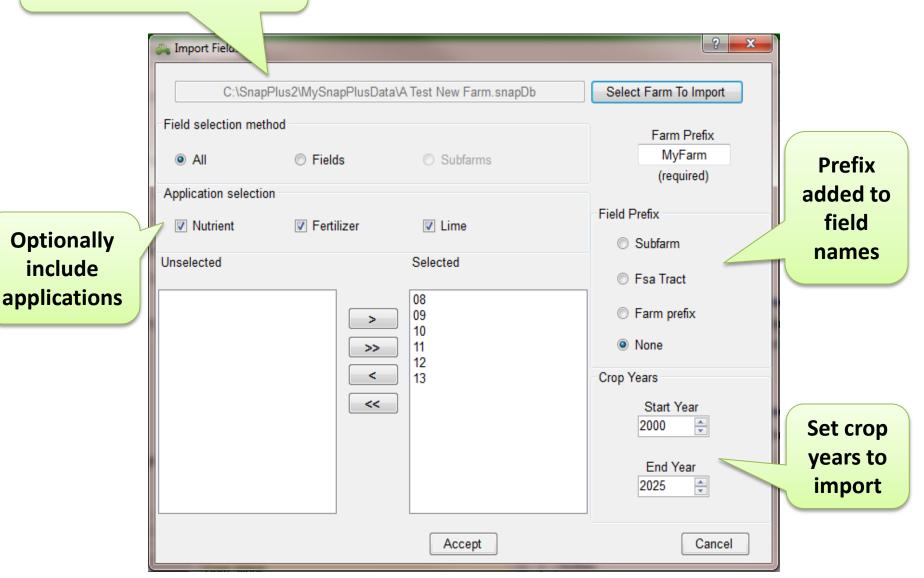


Import

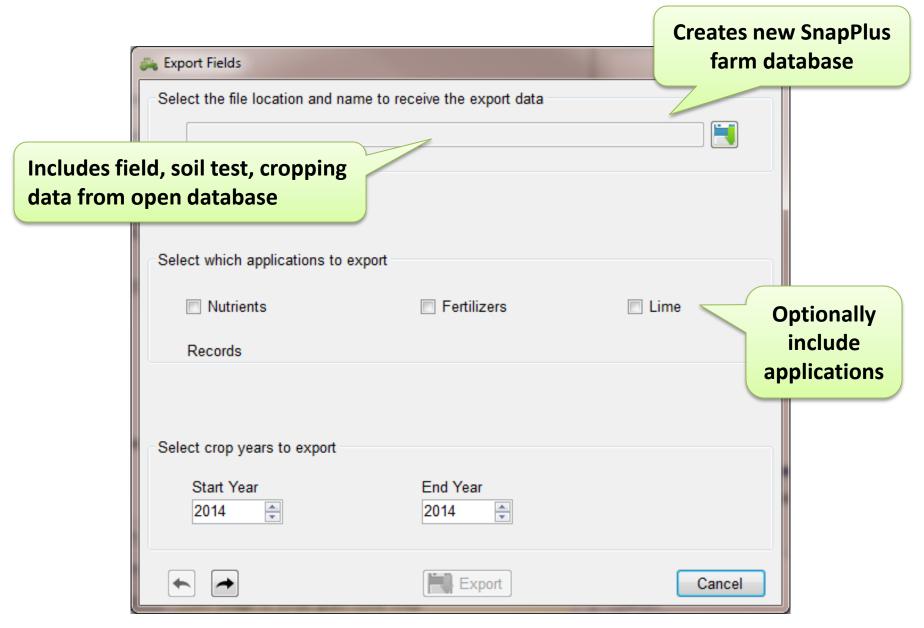
Includes fields, soil tests, cropping data

Optionally

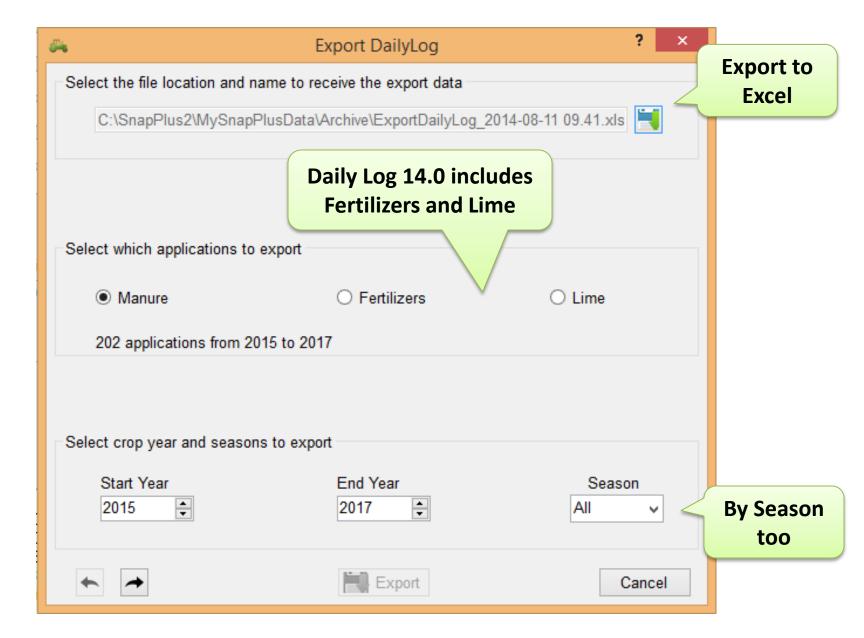
include



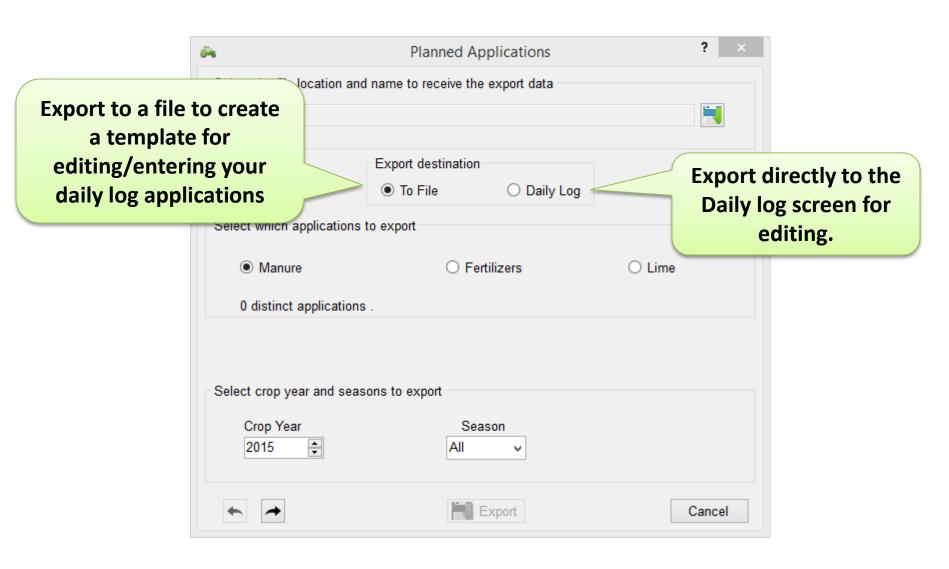
Export



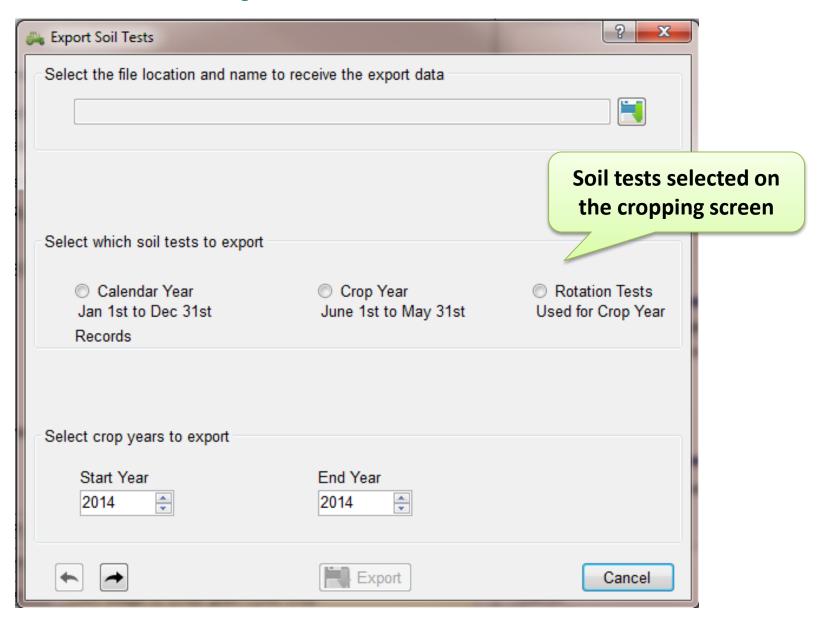
Export Daily Log



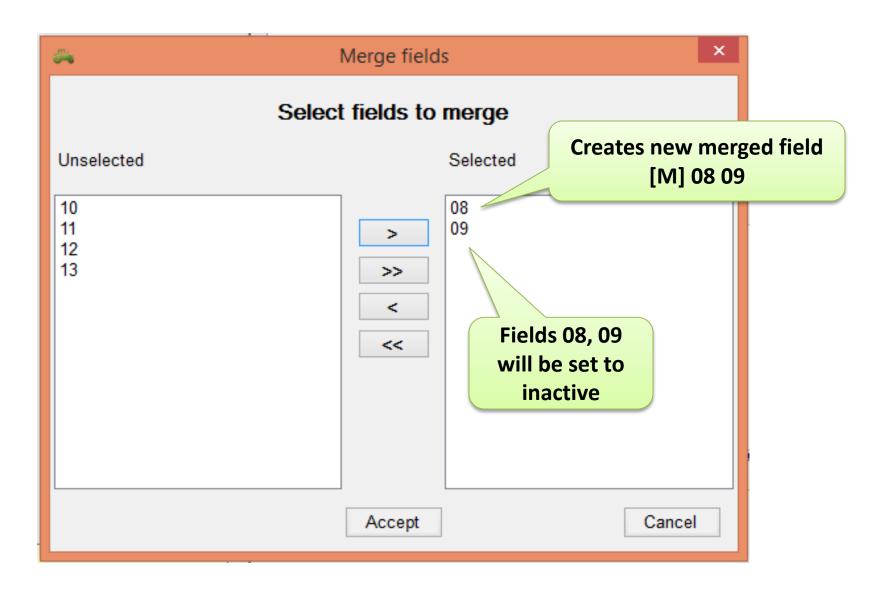
Export Planned Applications



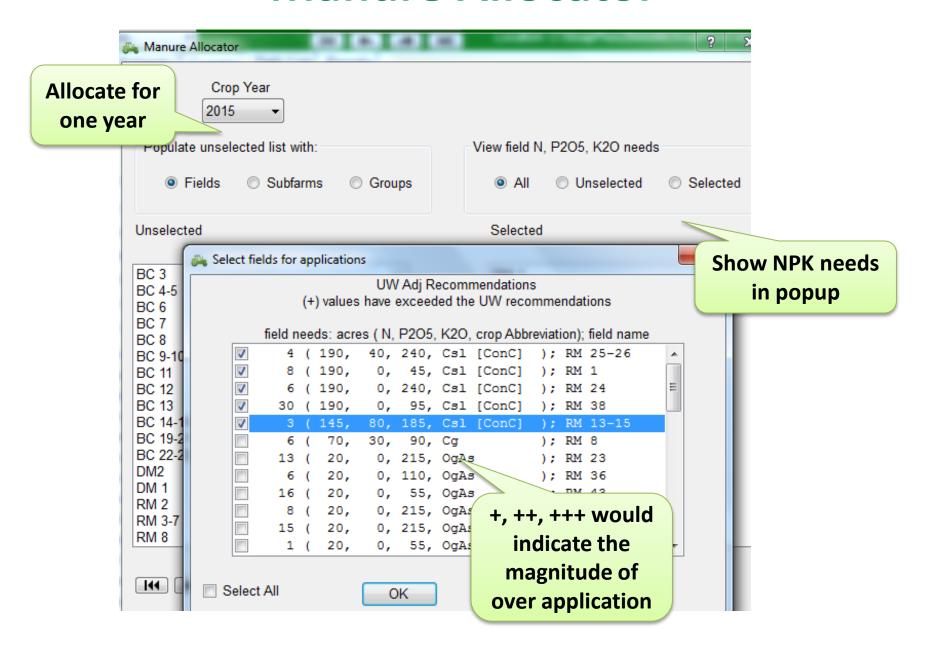
Export Soil Tests



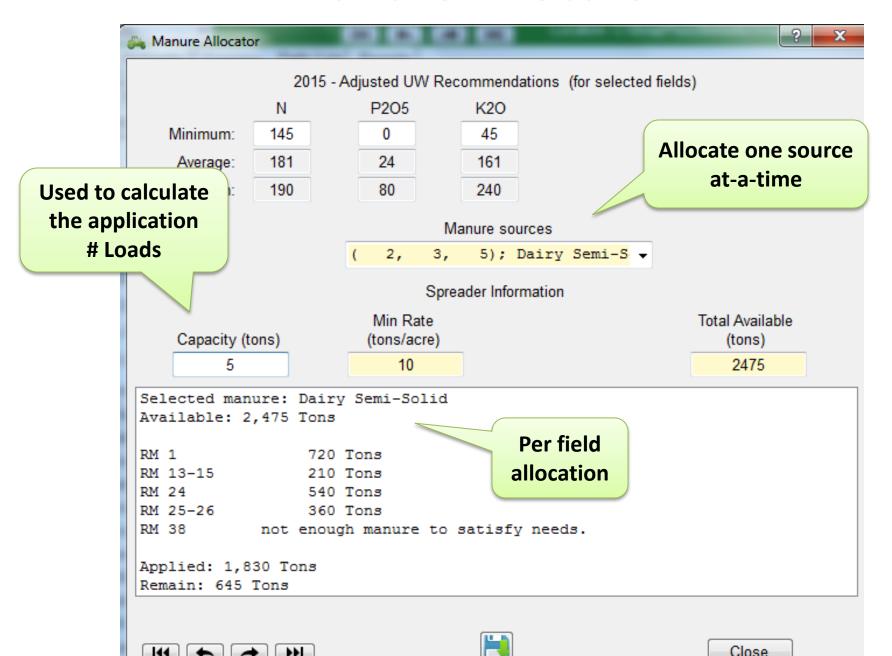
Merge Fields



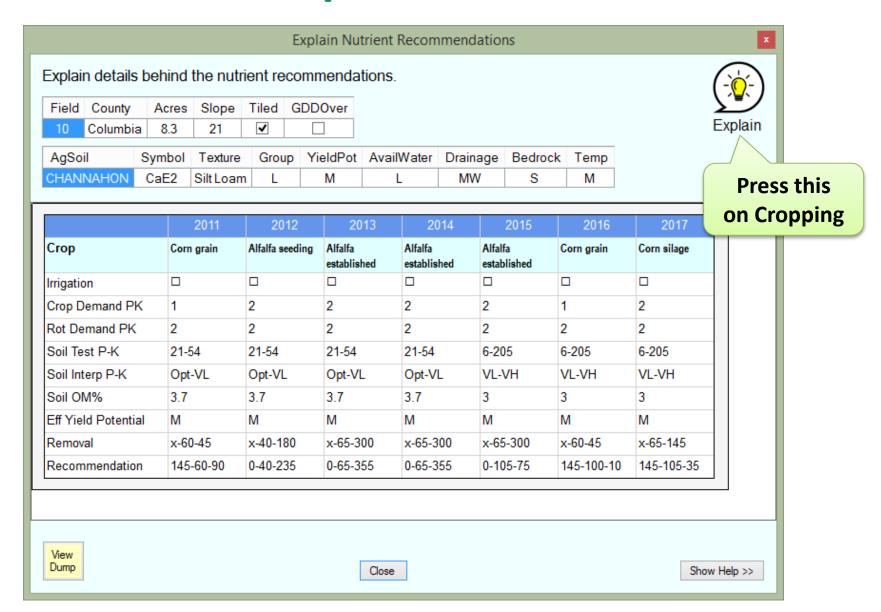
Manure Allocator



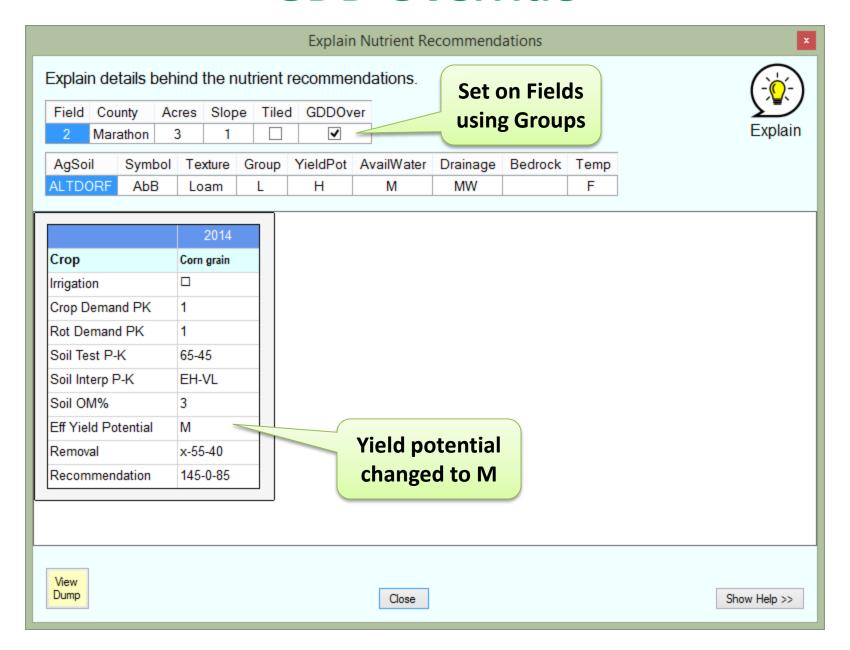
Manure Allocator



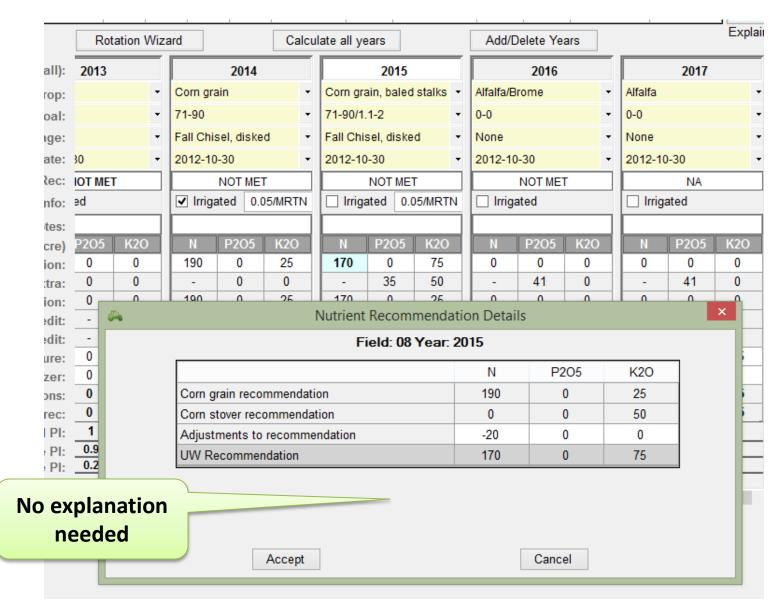
Explain Recs



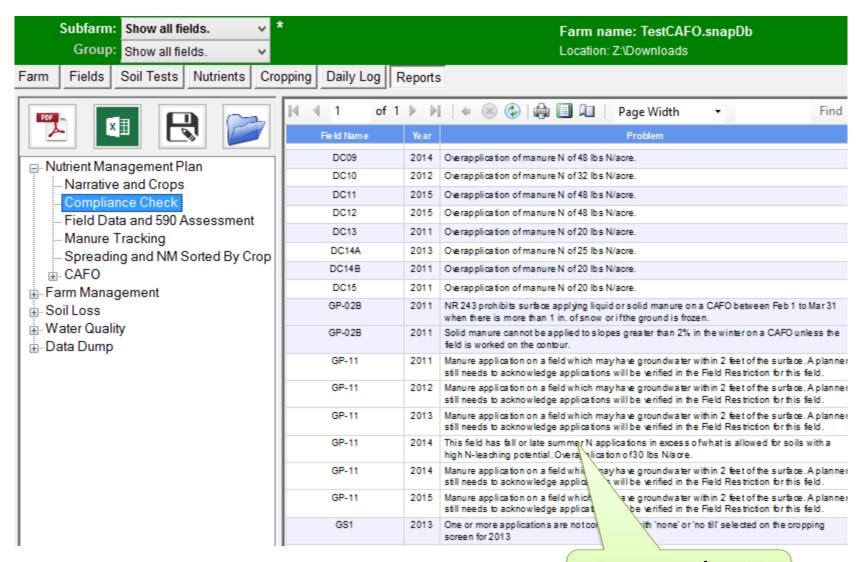
GDD Override



Negative Rec Adjustment

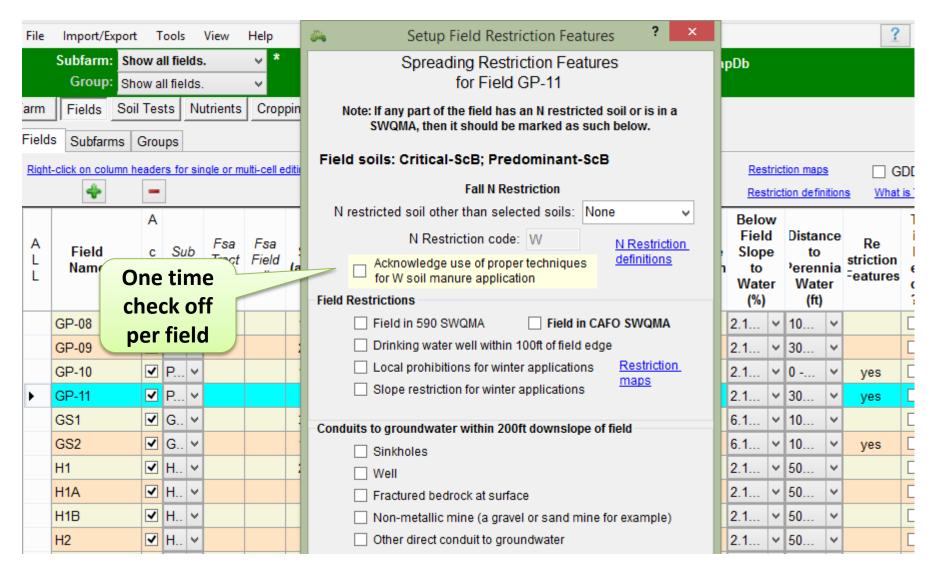


CAFO W soil restriction



Every year has W restriction message

CAFO W soil acknowledgement



CAFO Emergency Winter Spreading

SnapPlus CAFO Emergency Spreading Suitability Report

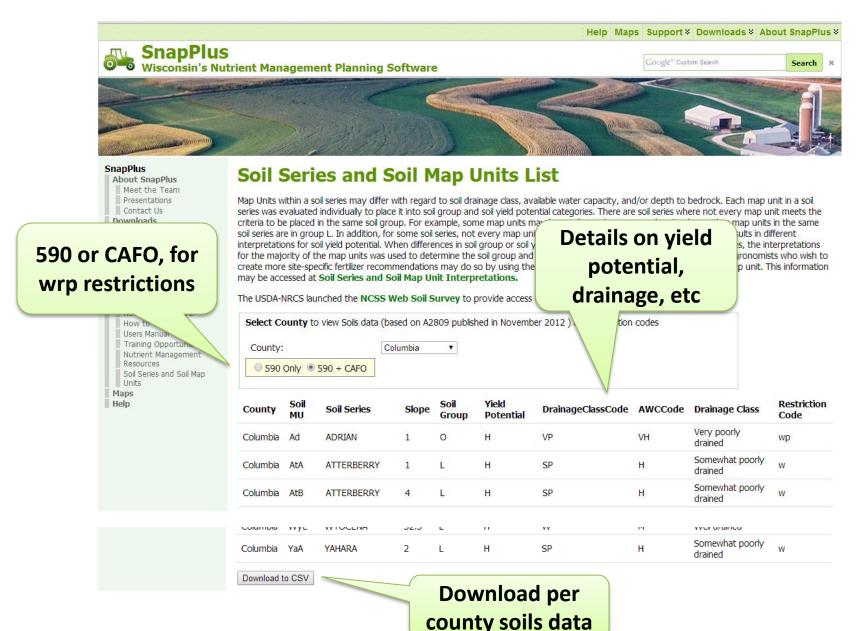
Crop Year	2014	Prepared for:	
Reported For	Troubled 20130429	Troubled 20130429 attn: Dub Trouble	
Printed	2014-08-21	Somewhere	
Plan Completion/Update Date	2013-04-11	2325 Somewhere Hwy Somewhere, 00000-0000	
SnapPlus Version 14.0 built on	2014-08-04 13:32		
Z:\Downloads\Testing Database			

This report displays the maximum rate allowed and a simulated winter acute loss index value when liquid manure is applied for each field in a WPDES permitted farm in a crop year. For fields with 0 - 2% slopes, the simulated value is calculated with an application volume of 7000 gallons per acre per winter season and for fields with 2-6% slopes, the application rate used is 3500 gallons per acre.

Crop Year	Farm Name	Subfarm Name	Field Name	Source Name	Max Rate	Acute Winter PI with Maximum Rate
2014	Troubled 20130429		1	Dairy Liquid	7000	1.9
2014	Troubled 20130429		2	Dairy Liquid	App Not Allowed	Not Suitable
2014	Troubled 20130429		5	Dairy Liquid	3500	1.5
2014	Troubled 20130429		6	Dairy Liquid	App Not Allowed	Not Suitable
2014	Troubled 20130429		7	Dairy Liquid	3500	0.3
2014	Troubled 20130429		8	Dairy Liquid	7000	3.0
2014	Troubled 20130429		9	Dairy Liquid	7000	0.3
2014	Troubled 20130429		Fall N Restrictions Fertilizer	Dairy Liquid	7000	1.6

Max winter rate

Soils details



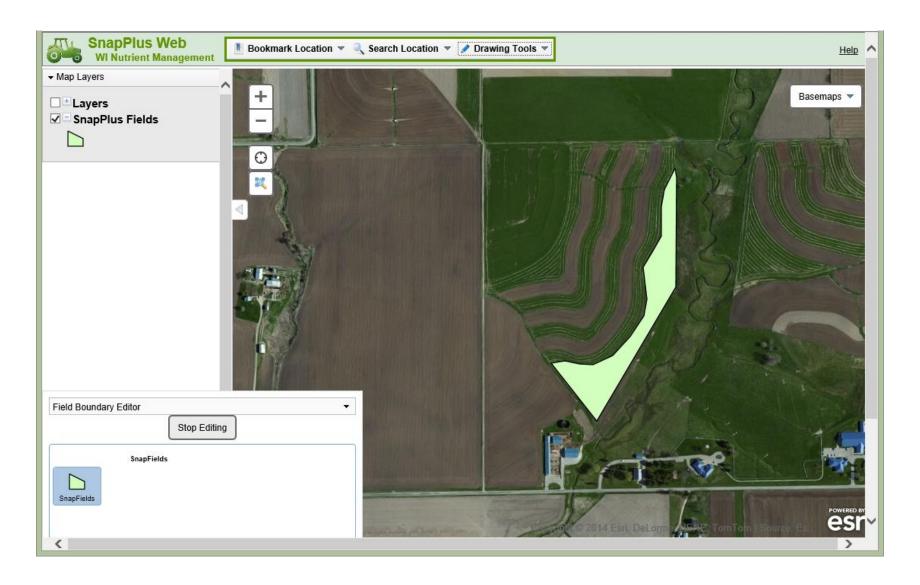
GIS: 14.x release

- Field boundaries, import shape files, soil determination
- Field restrictions
- Export map data to PDF, shape files, Excel
- Reports as Maps
- Internet connection + Windows
- Uses ArcGIS Server

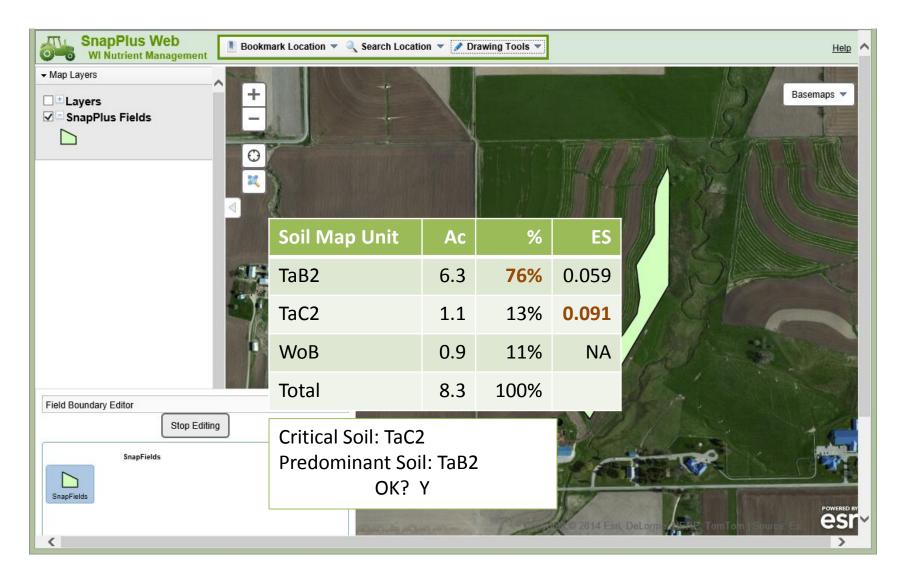
Target date: January 2015



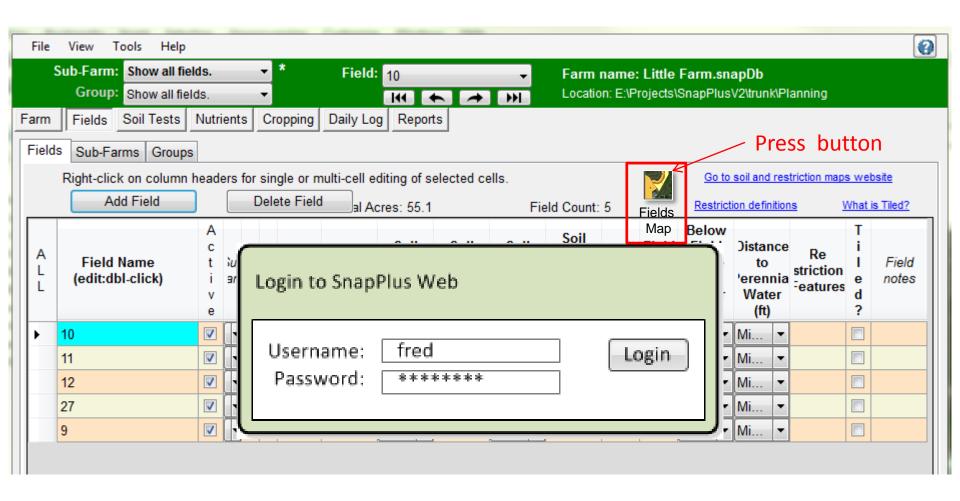
Field boundaries



Geospatially determine soils



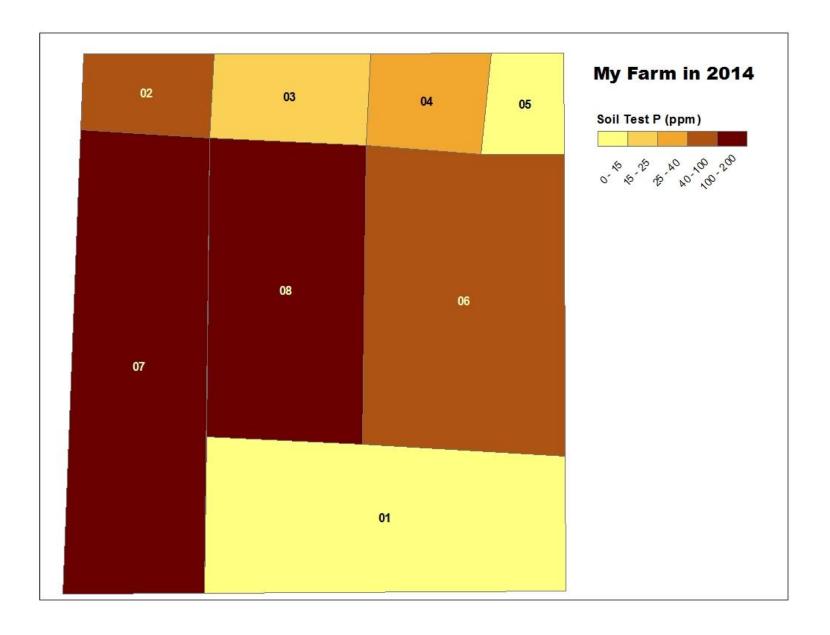
Security on the Web



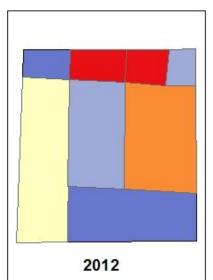
Maps as Reports

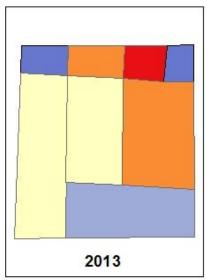
- ☐ Soil Test P
- Spreading plan
- □ P-K balance year by year
- N-P-K over/under year by year
- Crops year by year
- ☐ Show compliance

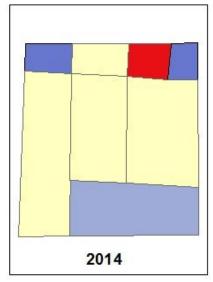
Soil Test P

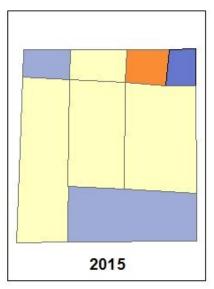


P205 Balance year by year









P205 Balance

